DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number 018872.00167

First Named Inventor Gorringe, et al.

COMPLETE IF KNOWN

Application Number 10/575,070

Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

Application Number	10/575,070
Filing Date	April 7, 2006
Group Art Unit	
Examiner Name	·

As a below named inventor, I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Modified Whole Cell, Cell Extract And OMV-Based Vaccines

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) 04/07/2006

as United States Application Number or PCT International

Application Number

10/575,070

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application (Numbers)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
0323709.6	GB	10/09/2003	0	o •
0323709.0			o	
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a Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	·
		Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

	DECLARATION - Utility or Design Patent Application								
designating	im the benefit under 3 the United States of A	5 U.S.C. 12 merica, lists or PCT In	20 of any Un ted below ar nternational	nited State ad, insofar application aterial to	s applica as the sin in the patentab	ubjection(mann	s), or 365(c) of t matter of eater provided bas defined in	of any PCT in the claim of the claim of the first part of the first part of this app	nternational application ims of this application is not tragraph of 35 U.S.C. 112, I which became available lication.
U	S. Parent Applicatio		Parent				ling Date (YYYY)	1	Parent Patent Number (if applicable)
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PCT/GB20	•				/08/2004				
Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.									
As a named the Patent a	l inventor, I hereby app and Trademark Office	ooint the fo connected t	llowing regi herewith:	stered pra	ctitioner	(s) to	prosecute th	is application	and to transact all business in
■ Custome									Place Customer Number
n Registere	OR ad practitioner's name/	registration	number list	ed below	1	267	12 .	 ;	Bar Code Label Here
u Registere	Name		Registrat		T'-		Name		Registration No.
Ranjana Ka John M. Do Martin G. I John D. Lo Robert S. F Thomas E.	el Vecchio Linihan pinski Pippenger Popek		40,041 R. Kent Roberts 42,475 George L. Snyder 24,926 Rebecca M. Stadle 50,846 Rachel S. Watt 59,008 Daniel C. Oliveric 58,459 Edwin T. Bean, Jr			Snyder, Jr. A. Stadler Watt Oliverio		40,786 37,729 56,703 46,186 33,435 16,639	
David L. P	rincipe nal registered practitioner	(s) named o	39,336 n supplement	al Register	ed Practit	ioner	Information sl	neet PTO/SB/0	2C attached hereto
	orrespondence to:	Custome	r Number ode Label		6712		OR		oondence address below
Name	Ranjana Kadle			L					
Address	Hodgson Russ LLP								
Address	One M&T Plaza, Suit	e 2000						T ====	L. 1000 0001
City	Buffalo			State				14203-2391	
Country	United States	Telephor	ne	(716) 85			1 4 - 11 -4	Fax	(716) 849-0349
are believe	dia ha emeas and firether	r that these prisonmen	statements t t, or both, ur	were made	e with th	ie kni	nwledge that	willful false :	de on information and belief statements and the like so atements may jeopardize the
NAME OI	SOLE OR FIRST IN	VENTOR	t :		0 /	A pet	ition has beer	n filed for thi	s unsigned inventor
Given Nar							ily Name		
(first and	middle [if any])	Andrew R.				or S	urname	Gorringe	
Inventor's Signature	ARO	pmh	g l						Date 24 JAWARY 2007
Residence: City State						ountry	2001	Citizenship	
	SALISBURY WILTSHIRE UNITED KINGDOM UNITED KINGDOM								
Mailing A	ddress .TH PROTECTION AC	GENCY P	ORTON DO	wn					
	, IN PROTECTION A	22.101,1	State			Z	IP .		Country
City SALISBUI	RY ·		WILT	SHIRE		SI	24 0JG		UNITED KINGDOM
Additional inventors are being named on the one supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.									

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Page 3 of 3

NAME OF SECOND INVENTOR:	☐ A petition has been filed for this unsigned inventor								
Given Name		Fa	mily Name						
(first and middle [if any]) Karen M.		or	Surname Reddin						
Inventor's Signature KILLedd =				Date 24 JANUARY 2007					
Residence: City SALISBURY	State WILTSHIRE		Country UNITED KINGDOM	Citizenship UNITED KINGDOM					
Mailing Address C/O HEALTH PROTECTION AGENCY, POR	TON DOWN								
City	State		ZIP	Country					
SALISBURY	WILTSHIRE		SP4 0JG	UNITED KINGDOM					
Name of Additional Joint Inventor, if any:									
Given Name			Family Name						
(first and middle [if any]) Scott D.		or Su	rname Gray-Owen						
Inventor's Signature				Date					
Residence: City	State	Country		Citizenship					
Oakville	Ontario		Canada	Canada					
Mailing Address 1283 Valerie Crescent									
City	State		ZIP	Country					
Oakville	Ontario		L6J 7E7	Canada					
Name of Additional Joint Inventor, if any:		A peti	tion has been filed for this t	insigned inventor					
Given Name		Family Name							
(first and middle [if any]) Ian C.		or Su	rname Boulton						
Inventor's Signature				Date					
Residence: City	State		Country	Citizenship					
Toronto	Ontario		Canada	Canada					
Mailing Address									
24 Noble Street, Suite 408									
City	State		ZIP	Country					
Toronto	Ontario ·		M6K 2C8	Canada					

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TO/SB/01	N FOR UTILITY	OR At	torney Docket Nu	mber 0	18872.00167	•			
D	ESIGN	. –	rst Named Invento	Corringe, et al.					
	APPLICATION CFR 1.63)	.	C	OMPLETE I	F KNOWN				
(37)	CFR 1.00j	T_A,	oplication Numbe	r 1	0/575,070				
□ Declaration	■ Declaration	P:	ling Date		April 7, 2006				
Submitted OR with Initial	Submitted a Filing (surc	mer muai	roup Art Unit						
Filing	(37 CFR 1.1 required)	16(e))	xaminer Name						
As a below named inventor, I Each inventor's residence, mail I believe the inventor(s) named patent is sought on the inventor	ling address, and citize	msnip are as stated oc	slow next to their i	name. natter which	is claimed and for	which a			
Para		Cell, Cell Extract An	d OMV-Based Va	ccines	· :	٠			
		(Title of the Invent	tion)		· ·				
the specification of which is attached hereto OR									
was filed on (MM/DD/YYYY) 04/07/2006 as United States Application Number or PCT International									
Application Number 10/57		d was amended on (M				pplicable).			
I hereby state that I have revie	v reterred to shove.					s amended			
I acknowledge the duty to disc continuation-in-part application	close information which ms, material information filing date of the contin	nuation-in-part applic	ation.						
I hereby claim foreign priority inventor's or plant breeder's rother than the United States of patent, inventor's or plant bree application on which priority is	benefits under 35 U.S ights certificate(s), or 3 f America, listed below eder's rights certificate	365(a) of any PCT int	or 365(b) of any f ternational applica-	cking the bo	ox, any foreign app a filing date before	lication for that of the			
Prior Foreign Application (Numbers)	Country	Foreign Filing I (MM/DD/YY)		riority Claimed	Certified Copy YES	NO NO			
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Additional foreign application	ation numbers are listed	d on a supplemental p	priority data sheet	PTO/SB/02	B attached hereto.				
I hereby claim the benefit und				ion(s) listed	below.				
Application Number	er(s)	Filing Date (MM/D)	D/YYYY)						
		. •		numbe priority	mal provisional approvisional approved on a sure listed on a sure data sheet PTO/SI d hereto.	pplemental			

DECLARATION - Utility or Design Patent Application 1 hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. **Parent Patent Number** Parent Filing Date U.S. Parent Application or PCT Parent (if applicable) (MM/DD/YYYY) Number 10/08/2004 PCT/GB2004/004274 Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Place Customer Number Customer Number Bar Code Label Here 26712 □ Registered practitioner's name/registration number listed below Registration No. Registration No. Name Name 40,786 R. Kent Roberts 40,041 Ranjana Kadle 37,729 George L. Snyder, Jr. 42,475 John M. Del Vecchio 56,703 Rebecca M. Stadler 24,926 Martin G. Linihan 46,186 Rachel S. Watt 50,846 John D. Lopinski 33,435 Daniel C. Oliverio 59,008 Robert S. Pippenger 16,639 Edwin T. Bean, Jr. 58,459 Thomas E. Popek 39,336 David L. Principe Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto Customer Number Direct all correspondence to: □ Correspondence address below OR 26712 or Bar Code Label Ranjana Kadle Name Hodgson Russ LLP Address One M&T Plaza, Suite 2000 Address 14203-2391 New York ZIP State Buffalo City (716) 849-0349 (716) 856-4000 Fax Telephone United States Country I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. □ A petition has been filed for this unsigned inventor NAME OF SOLE OR FIRST INVENTOR: Family Name Given Name Gorringe or Surname Andrew R. (first and middle [if any]) Date Inventor's Signature Citizenship Country State Residence: City UNITED KINGDOM UNITED KINGDOM WILTSHIRE SALISBURY Mailing Address C/O HEALTH PROTECTION AGENCY, PORTON DOWN Country ZIP

SP4 0JG

UNITED KINGDOM

State

WILTSHIRE

City

SALISBURY

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 3 of 3

Commence of the Commence of th	A petition has been filed for this unsigned inventor.						
NAME OF SECOND INVENTOR:							
Given Name		Family Name					
(first and middle (if any)) Karen M.	a free to the second sequence in the second	or Surname Reddin					
Inventor's Signature	TOTAL AND A SECTION AND A SECTION ASSESSMENT		Date				
Residence: City	State	Country	Citizenship				
SALISBURY	WILTSHIRE	UNITED KINGDOM	UNITED KINGDOM				
Malling Address C/O HEALTH PROTECTION AGENCY, PORTON DOWN							
Gity.	State	ZIP	Country				
SALISBURY	WILTSHIRE	SP4 0JG	UNITED KINGDOM				
Name of Additional Joint Inventor, if any:	. A petition has been filed for this unsigned inventor						
Given Name	ime Family Name						
(first and middle (if anyl) Scott D.	···	or Surname Gray-Owen					
Inventor ³ s Signature			Date				
Residence: City	State	Country:	Citizenship				
Oakville	Ontario	Canada	Canada				
Mailing Address 1283 Valerie Crescent	ile	an in on the engagements, a subdividual su	oo ta'u saa ay ahaa ahaan saa ahaa ahaa ahaa ahaa ahaa				
City	State	ZIP	Country				
Oakville	Ontario	L617E7	Canada.				
Name of Additional Joint Inventor, if any:	P.	A petition has been filed for this u	nsigned inventor				
Given Name		Family Name					
(first and middle [if any]) lan C.	·	or Surname Boulton					
Inventor's Signature	TOA.	Date 24 January 2007					
Residence: City	State	Country	Citizenship				
Toronto	Ontario	Canada	Comada Univertingdom				
Mailing Address		The second secon					
24 Noble Street, Suite 408							
City	State	ZIP	Country				
Toronto	Ontario	M6K 2C8	Canada.				

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

	. 01.25 (02.1				
Attorney Docket Number	018872.00167				
First Named Inventor	Gorringe, et al.				
COMPLETE IF KNOWN					
Application Number	10/575,070				
Filing Date	April 7, 2006				
Group Art Unit					
Examiner Name					

As a below named inventor, I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Modified Whole Cell, Cell Extract And OMV-Based Vaccines									
(Title of the Invention)									
the specification of which is attached hereto OR									
was filed on (MM/DD/YYYY) 04/07/2006 as United States Application Number or PCT International									
Application Number	per 10/575,070 and was amended on (MM/DD/YYYY) (if						(if	applicable).	
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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.									
Prior Foreign Application (Numbers)	n Countr	у	Foreign Fi (MM/DD		Priority Not Claimed		Certified Copy Attached? YES NO		
0323709.6	GB		10/09/2003		o o		0 0		
Additional foreign ap	plication numbers a	re listed	on a suppleme	ntal priority d	ata sheet	PTO/SB/02B a	ttached hereto.		
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.									
Application Number(s) Filing Date (MM/DD/YYYY)									
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			[Page	l of 3]					

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

ι	J.S. Parent Application Number		arent			nt Filing Da 1/DD/YYYY				ent Number licable)
PCT/GB2004/004274			10/0	8/2004						
□ Additio	nal U.S. or PCT internati	onal application	on numbers	are listed on	a supple	emental priorit	y data	sheet PTO/S	B/02B attach	ed hereto.
	d inventor, I hereby ap and Trademark Office			istered pract	itioner	(s) to prosecu	te thi	s applicatio	n and to trar	sact all business
■ Custom	er Number		•				•		Place	Customer Numbe
	OR					26712		\rightarrow	1	Castomer Numbe Code Label Here
□ Register	ed practitioner's name	registration								
	Name		Registrat	ion No.		N	ame		F	Registration No.
Ranjana K	adle	4	0,041		R. Ke	nt Roberts			40,7	8 6
John M. D			2,475			ge L. Snyder,	Jr.	•	37,7	
Martin G.	Linihan		4,926		Rebe	cca M. Stadle	r		56,70	03
John D. Lo			0,846			el S. Watt			46,1	
Robert S. 1			9,008			el C. Oliverio			33,4:	
Thomas E.			8,459		Edwi	n T. Bean, Jr.			16,63	39
David L. F			9,336	-1 D:	D	Y C		PTO/ED/	000	1 4
	nal registered practitione			ai Kegistered	Practiti	oner informati	on sne	et PTO/SB/	02C attached	nereto
Direct all o	correspondence to:	Customer or Bar Co		267	712	OR		□ Corres	pondence ad	ldress below
Name	Ranjana Kadle			•						•
Address	Hodgson Russ LLP				,					
Address	One M&T Plaza, Sui	te 2000								
City	Buffalo			State	te New York ZIP			14203-23	91	
Country	United States	Telephone	:	(716) 856	856-4000 Fax			(716) 849	-0349	
are believe made are p	eclare that all statement d to be true; and furthe unishable by fine or in the application or any	r that these s prisonment,	tatements or both, ur	were made v	with the	knowledge	that w	rillful false	statements a	nd the like so
NAME O	F SOLE OR FIRST II	NVENTOR:			о A	petition has	been	filed for thi	s unsigned i	nventor
Given Na	ne			•	1	Family Name	2			
(first and	middle [if any])	Andrew R.			-	or Surname	(Gorringe		
Inventor's Signature	3						.•		Date	
Residence: City State Country Citizenship						p				
SALISBU	-		WILT	SHIRE		UNITED K	JNGI	OOM	UNITED I	KINGDOM
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ZIP

SP4 0JG

Country

UNITED KINGDOM

State

WILTSHIRE

Additional inventors are being named on the one supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

City

SALISBURY

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Page 3 of 3

NAME OF SECOND INVENTOR:	☐ A petition has been filed for this unsigned inventor								
Given Name		Fai	mily Name						
(first and middle [if any]) Karen M.			Surname Reddin						
Inventor's		!		Date					
Signature	1 =			GW - II					
Residence: City	State		Country UNITED KINGDOM	Citizenship UNITED KINGDOM					
SALISBURY	WILTSHIRE		UNITED KINODOM	CNITED KINGDOM					
Mailing Address C/O HEALTH PROTECTION AGENCY, PORTON DOWN									
City	State		ZIP	Country					
SALISBURY	WILTSHIRE		SP4 0JG	UNITED KINGDOM					
Name of Additional Joint Inventor, if any:	nventor, if any:								
Given Name		Famil	y Name						
(first and middle [if any]) / Scott D.		or Su	rname Gray-Owen						
Inventor's				Date					
Signature				24 January 2007					
Residence: City	State		Country	Citizenship					
Oakville	Ontario		Canada	Canada .					
Mailing Address			•						
1283 Valerie Crescent	· · · · · · · · · · · · · · · · · · ·								
City	State		ZIP	Country					
Oakville	Ontario		L6J 7E7	Canada					
Name of Additional Joint Inventor, if any:	•	A petition has been filed for this unsigned inventor							
Given Name		Family Name							
(first and middle [if any]) Ian C.		or Su	rname Boulton						
Inventor's	-			Date					
Signature	•								
Residence: City	State		Country	Citizenship					
Toronto	Ontario		Canada	Canada					
Mailing Address	Mailing Address								
24 Noble Street, Suite 408	·•			T-2					
City	State		ZIP	Country					
Toronto	Ontario		M6K 2C8	Canada					